

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A ski sled comprising:

two skis arranged side-by-side with inward edges of the skis being angled downwardly at least while the sled is turning;

a seat supported by right and left legs, the legs being rotatably attached at respective pivot points at a rear end of right and left chair rails, rotation of the seat forward and backward enabling a transfer of a partial weight of a rider from tip to tail of the skis;

adjustable blocks fitting into ski bindings on the skis, the blocks having angle adjustment devices mounted thereon for changing lateral pitches of the two skis, the chair rails being attached to the angle adjustment devices and the angle adjustment devices being attached to the blocks forward of the pivot points; and

a weight transfer device operable by a rider for transferring the partial weight of the rider forward and backward and from one of the two skis to the other, thus enabling the ski sled to turn.

2. (Previously Presented) The ski sled according to claim 1, wherein the weight transfer device comprises:

hand-levers mounted adjacent to each side of the seat;

cables extending from the hand-levers and being connected to the angle adjustment devices so that when the hand lever on one side of the sled is pulled, the block on an opposite side of the sled is articulated; and

right and left connecting members having lower ends attached to forward portions of the chair rails, and upper ends attached to right and left sides of a pivot member pivotably attached to the seat.

3. (Original) The ski sled according to claim 2, wherein the weight transfer device includes a linkage attachment pivotably attaching the weight transfer device to the seat.

4. (Previously Presented) The ski sled according to claim 1,
further comprising:

right and left connecting members having lower ends attached to forward portions of the chair rails, and upper ends attached to right and left sides of a pivot member which is pivotably attached to the front portion of the seat.

5. (Previously Presented) The ski sled according to claim 1, wherein each of the legs is rotatably attached by a pin extending laterally through a respective one of the chair rails, whereby the seat and the chair rails are not rotatable with respect to each other only in the lateral direction.

6. (Withdrawn – Previously Presented) The ski sled according to claim 1, wherein the weight transfer device comprises:

a pivot member pivotably attached at a mid-point thereof to a pivot pin adjacent to a front portion of the seat;

a steering handle extending vertically from the pivot member;

two connecting members having lower ends attached to forward portions of the chair rails, and upper ends attached to right and left sides of the pivot member.

7. (Withdrawn- Previously Presented) The ski sled according to claim 1, wherein the weight transfer device comprises:

a pivot member pivotably attached at a mid-point thereof to a pivot pin adjacent to a front portion of the seat;

tractor handles extending vertically from the pivot member;

two connecting members having lower ends attached to forward portions of the chair rails, and upper ends attached to right and left sides of the pivot member.

8. (Previously Presented) The ski sled according to claim 1, the blocks comprising:

a forward section having a toe piece and a rear hole;

a rear section having a heel piece and a forward extension, the forward extension being inserted into the rear hole of the front section, the forward section being provided with an adjuster mechanism for adjusting a longitudinal position of the forward section relative to the rear section, so that the adjustable blocks are capable of fitting multiple ski bindings of the skis;

an adjustable bracket attachable to the blocks in a plurality of different angles with respect to the longitudinal direction of the blocks to accommodate different toe-in angles of skis to which the blocks are mounted.

9. (Previously Presented) The ski sled according to claim 8, wherein the angle adjustment device is a variable angle adjustment device connected to a lever operable by the rider in order to change the lateral pitch of the skis.

10. (Cancelled)

11. (Original) The ski sled according to claim 8, wherein the angle adjustment device includes multiple fixed-pitch angle blocks having different slopes, the different fixed pitch angle blocks being substituted one for another in order change the lateral pitch of the skis.

12. (Currently Amended) The ski sled according to claim 1, wherein the seat supported by the right and left legs rotatably attached at the pivot-point points at the rear end of the right and the left chair rails is a bucket seat.

13. (Original) The ski sled according to claim 1, wherein the seat is a foldable seat.

14. (Previously Presented) A ski sled comprising:

two skis arranged side-by-side with inward edges of the skis angled downwardly at least while the sled is turning;

a seat supported by right and left legs, the legs being rotatably attached at respective pivot points at a rear end of right and left chair rails;

adjustable blocks fitting into ski bindings on the skis, the blocks having angle adjustment devices mounted thereon for changing lateral pitches of the two skis, the chair rails being attached to the angle adjustment devices and the angle adjustment devices being attached to the blocks forward of the pivot point; and

a weight transfer device operable by a rider for transferring a partial weight of the rider forward and backward and from one of the two skis to the other, thus enabling the ski sled to turn, the weight transfer device including:

chair rail extensions extending forwardly from the chair rails;

foot pedals rotatably attached to the chair rail extensions for actuating cables connected to the angle adjustment devices so that when the foot pedal on one side of the sled is pushed, the block on the same side of the sled is articulated,

the foot pedals enabling a transfer of a partial weight of a rider from tip to tail of the skis,

wherein an axis of rotation of each of the foot pedals is substantially vertical.

15. (Currently Amended) The ski sled according to claim 14, further comprising pivot pins rotatably attaching the legs to the chair rails.

16. (Previously Presented) The ski sled according to claim 14, further comprising a pair of straps connected to front parts of the seat for preventing the seat from falling over backwards.

17. (Previously Presented) The ski sled according to claim 14, wherein the seat is held upright when a rider's feet are placed on the foot pedals.

18. (Previously Presented) The ski sled according to claim 14, wherein rotation of the seat forward and backward enables the transfer of the partial weight of the rider from the tip to the tail of the skis.

19. (Previously Presented) The ski sled according to claim 14, the blocks comprising:
a forward section having a toe piece and a rear hole;
a rear section having a heel piece and a forward extension, the forward extension being inserted into the rear hole of the front section, the forward section being provided with an adjuster mechanism for adjusting a longitudinal position of the forward section relative to the rear section, so that the adjustable blocks are capable of fitting multiple ski bindings of the skis;
an adjustable bracket attachable to the blocks in a plurality of different angles with respect to the longitudinal direction of the blocks to accommodate different toe-in angles of skis to which the blocks are mounted.

20. (Previously Presented) The ski sled according to claim 14, wherein the angle adjustment devices are variable angle adjustment devices connected to the foot pedals operable by the rider in order to change the lateral pitch of the skis.

21. (Currently Amended) The ski sled according to claim 14, wherein each of the legs is rotatably attached by a pivot pin extending laterally through a respective one of the chair rails, whereby the seat and the chair rails are rotatable with respect to each other only in a forward and backward direction enabling the transfer of the partial weight of the rider from the tip to the tail of the skis.